



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent of Paolo Mutti et al. Patent No. 6,726,764 B2 Issued April 27, 2004 Confirmation No. 5661

For METHOD FOR CONTROLLING GROWTH OF A SILICON CRYSTAL TO MINIMIZE GROWTH RATE AND DIAMETER DEVIATIONS

Certificate

May 17, 2004

MAY 2 5 2004

of Correction

LETTER TO THE PATENT AND TRADEMARK OFFICE

TO THE COMMISSIONER FOR PATENTS,

SIR:

On studying the above-identified patent, the following errors, apparently made in part by applicant and in part by the Patent and Trademark Office, were found (these errors are also noted on the attached form PTO-1050):

On the Face of the Patent, (75) Inventors: "Vladmir V. Voronknov" should read -- Vladimir V. Voronkov --.

In Column 13, claim 1, line 44, "to the healer" should read -- to the heater --. (See Amendment A, page 2, claim 1, line 21).

In column 14, claim 9, line 18, " $\delta P = (V_{gs}V_{set})/A_p$;" should read -- $\delta P = -(V_{gs}-V_{set})/A_p$; --. (See Amendment A, page 4, claim 9, line 3).

In column 14, claim 13, line 47, $"r(t)=r_f+A[Y(h_fh_s)x+(Y+h_fh_s)Z(x+1e^x)-Z^2(x+1.5-2e^x+0.5e^{2x})];" \text{ should read} \\ -- r(t)=r_f+A[Y(h_f-h_s)x+(Y+h_f-h_s)Z(x+1-e^x)+Z^2(x+1.5-2e^x+0.5e^{2x})]; --. \\ (See Amendment A, page 4, claim 13, line 3).$

In column 14, claim 13, line 49, "Y= $V_{gf}A_h$; Z= $(V_pV_{gf})/A_h$;" should read --- Y= V_{gf}/A_h ; Z= $(V_p-V_{gf})/A_h$; --. (See Amendment A, page 5, claim 13, line 1).

In column 14, claim 13, line 53, "interval:" should read -- interval; --. (See Amendment A, page 5, claim 13, line 3).

In column 15, claim 20, line 43, "puller as function of" should read -- puller as a function of --.

In column 16, claim 28, line 53, " $\delta P = (V_{gs}V_{set})/Ap$;" should read -- $\delta P = -(V_{gs}-V_{set})/Ap$; -- (See Amendment A, page 8, claim 28, line 3).

In column 17, claim 30, line 2 "growth rule" should read -- growth rate --. (See Amendment A, page 9, claim 30, line 2).

In column 18, claim 31, line 1, $"r(t) = r_f + A[Y(h_f - h_s)x + (Y + h_f h_s)Z(x + 1e^x) + Z^2(x + 1.5 - 2e^{2x})]" \text{ should read}$ $-- r(t) = r_f + A[Y(h_f - h_s)x + (Y + h_f - h_s)Z(x + 1 - e^x) + Z^2(x + 1.5 - 2e^x + 0.5e^{2x})] --.$ (See Amendment A, page 9, claim 31, line 3).

REMARKS

Since the errors shown above marked with double asterisks were made by applicant, the \$100.00 fee required under Rule 1.323 is enclosed. We respectfully request that a certificate of correction be issued.

Respectfully submitted,

Robert M. Bain, Reg. No. 36,736

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CERTIFICATE OF MAILING

I hereby certify that the foregoing Letter to the Patent and Trademark Office in the patent of Paolo Mutti, Patent No. 6,726,764, issued April 27, 2004 is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandra, Virginia 22313-1450 on this 174 day of Words., 2004.

Darlene Pearman

EJH/dep *Enclosure

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. :

6,726,764

Page 1 of 2

DATED

April 27, 2004

INVENTOR(S) :

Paolo Mutti and Vladimir V. Voronkov

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Face of the Patent

(75) Inventors: "Vladmir V. Voronknov" should read -- Vladimir V. Voronkov --.

Column 13

Claim 1, line 44, "to the healer" should read -- to the heater --.

Column 14

Claim 9, line 18, " $\delta P = (V_{gs}V_{set})/A_p$;" should read -- $\delta P = -(V_{gs}-V_{set})/A_p$; --. Claim 13, line 47, " $r(t) = r_f + A[Y(h_fh_s)x + (Y+h_fh_s)Z(x+1e^x) - Z^2(x+1.5-2e^x+0.5e^{2x})]$;" should read -- $r(t)=r_t+A[Y(h_t-h_s)x+(Y+h_t-h_s)Z(x+1-e^x)+Z^2(x+1.5-2e^x+0.5e^{2x})];$ --. Claim 13, line 49, " $Y=V_{of}A_h$; $Z=(V_pV_{of})/A_h$;" should read -- $Y=V_{of}/A_h$; $Z=(V_{0}-V_{0})/A_{h}; --.$

Column 14

Claim 13, line 53, "interval:" should read -- interval; --.

Column 15

Claim 20, line 43, "puller as function of" should read -- puller as a function of --.

Column 16

Claim 28, line 53, " $\delta P = (V_{os}V_{set})/Ap$;" should read -- $\delta P = -(V_{os}-V_{set})/Ap$; --.

MAILING ADDRESS OF SENDER:

Robert M. Bain

PATENT NO.

6,726,764

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St. Louis, Missouri 63102

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Page 2 of 2

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Column 17

Claim 30, line 2 "growth rule" should read -- growth rate --.

Column 18

Claim 31, line 1, "r(t)= r_f +A[Y(h_f - h_s)x+(Y+ h_f h_s)Z(x+1e^x)+Z²(x+1.5-2e^{2x})]" should read -- r(t)= r_f +A[Y(h_f - h_s)x+(Y+ h_f - h_s)Z(x+1-e^x)+Z²(x+1.5-2e^x+0.5e^{2x})] --.

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